

REMARKS

Applicant herein amends the specification to conform it to Figure 8a of the Drawings.

No new matter has been added. Entry of the amendments to the specification is requested.

Claims 1-14 have been examined on their merits.

Applicant herein amends claims 1, 3-8, 10 and 12-14. The amendments to allowed claim 14 are editorial in nature, and were not made for reasons of patentability. The amendments to claims 1, 3-8, 10 and 12-14 do not raise any new issues requiring further search or consideration by the Patent Office, and will reduce issues for appeal. No new matter has been added. Entry and consideration of the amendments to claims 1, 3-8, 10 and 12-14 is respectfully requested.

Claims 1-14 are all the claims presently pending in the application.

1. Claims 1, 3, 4, 6, 7, 8, 10, 12 and 13 stand objected to as containing informalities.

Applicant traverses the claim objections for the reasons discussed below.

Applicant herein editorially amends claim 1 as suggested by the Patent Office. Applicant submits that claim 1 is now in condition for allowance, and respectfully requests that the objection to claim 1 be withdrawn.

Applicant herein amends claim 3 to change the phrase “supplied to said (R+1) correlators” to “supplied to the first correlator of said (R+1) correlators.” The phrase “said (R+1)st correlator” in line 14 was not amended based on the text at page 15, lines 2-19 of Applicant’s disclosure. Applicant respectfully requests that the objection to claim 3 be withdrawn.

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Applicant herein editorially amends claims 4 and 6 as suggested by the Patent Office.

Applicant respectfully requests that the objection to claims 4 and 6 be withdrawn.

Applicant herein editorially amends claims 7 and 8 as suggested by the Patent Office, and also further amends claims 7 and 8 to correct awkward language. Applicant respectfully requests that the objection to claims 7 and 8 be withdrawn.

Applicant herein amends claim 10 to remove the language regarding the division of the integer L into plural portions. Applicant respectfully requests that the objection to claim 10 be withdrawn.

Applicant herein editorially amends claims 12 and 13 as suggested by the Patent Office. Applicant respectfully requests that the objection to claims 12 and 13 be withdrawn.

2. Claims 6-12 stand rejected under 35 U.S.C. § 112 (1st para.) as allegedly failing to comply with the enablement requirement. Applicant traverses the § 112 (1st para.) rejection for at least the reasons discussed below.

Applicant herein amends claim 6 to recite that the correlation value storage memory controller controls the reading out of the correlation value from the correlation value storage memory. With respect to the second portion of the Patent Office's rejection (*i.e.*, "second-stage correlators calculates correlation values between the correlation values read out from said correlation value storage memory controller"), claim 6 actually recites "second-stage correlators calculating correlation values between the correlation values read out **by** said correlation value storage memory controller and said signature pattern stored in said signature pattern storage

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unit.” *See, e.g.*, Rule 111 Amendment filed on April 2, 2004, page 8. The correlation values are read out *by* the correlation value storage memory controller, and not *from* the correlation value storage memory controller. Thus, Applicant submits that the § 112 (1st para.) rejection of claims 6-12 has been overcome, and respectfully requests withdrawal of same.

3. Claims 3-5 stand rejected under 35 U.S.C. § 112 (2nd para.) as allegedly being indefinite. Applicant traverses the § 112 (2nd para.) rejection of claims 3-5 for at least the reasons discussed below.

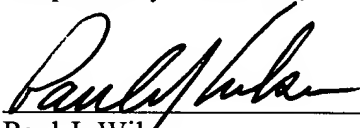
Applicant herein amends claim 3 to recite that “said first-stage correlators comprise K correlator blocks....” Applicant also amends claims 4 and 5 to depend from claim 3, instead of claim 2. Applicant submits that the § 112 (2nd para.) rejection of claims 3-5 has been overcome, and respectfully requests withdrawal of same.

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In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


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23373

CUSTOMER NUMBER

Date: October 13, 2004



FIG . 8(a)

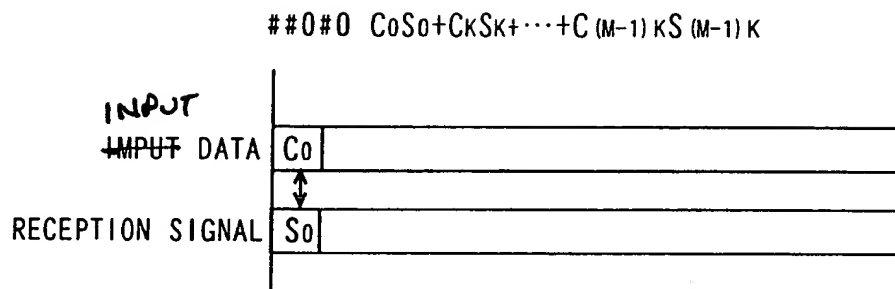


FIG . 8(b)

